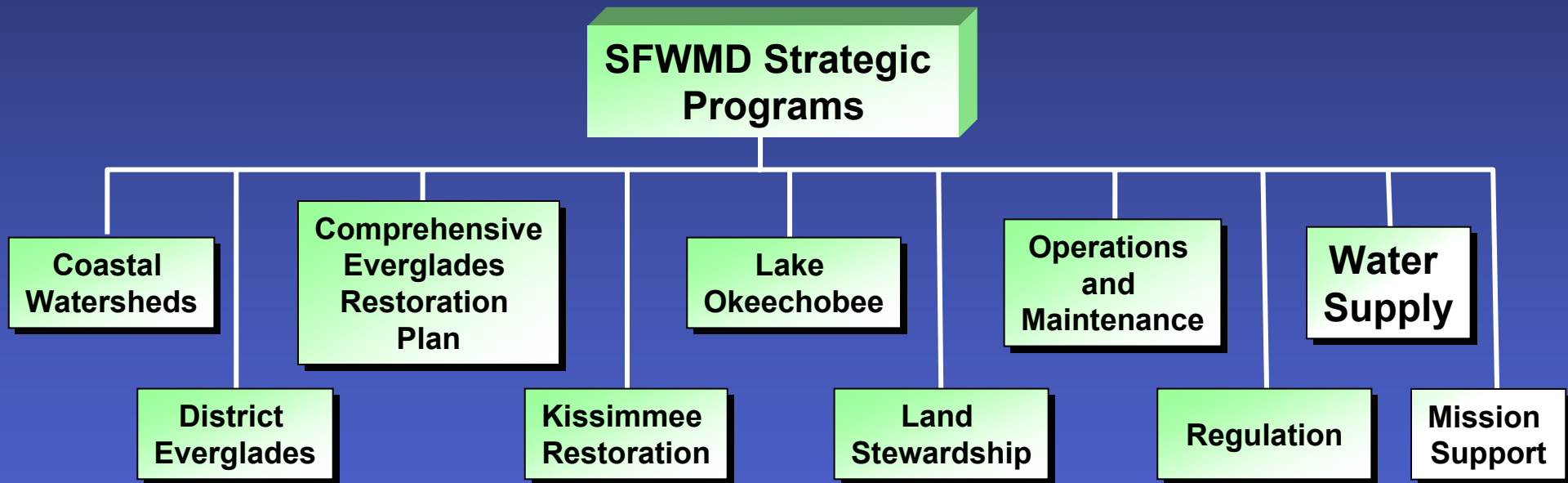


Water Supply Program 10-Year Strategic Plan

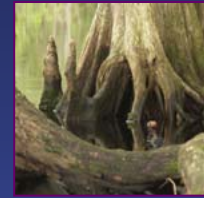
**John Mulliken, Deputy Director
Water Supply Department**

Programs



Governing Board Priorities

- Build three reservoirs through Public/Private Partnerships
- Achieve Everglades water quality standards
- Acquire land for Kissimmee River Restoration
- Reduce phosphorus inputs to Lake Okeechobee
- Refurbish the regional flood control system
- Implement water supply plan recommendations
- Continue to recognize the value of employees



Coastal Watershed Program 10-Year Strategic Goals

- **Restore watersheds and estuaries through local initiatives**
- **Understand restoration effects through high quality applied science**
- **Decrease flood damages through proactive flood management planning**



Comprehensive Everglades Restoration Plan Program 10-Year Strategic Goal

To restore, preserve and protect South Florida's ecosystem while providing for other water-related needs of the region, including water supply and flood protection



District Everglades Program 10-year Strategic Goals

**To contribute to
Everglades
restoration by
restoring water
quality, restoring
hydrology and
improving planning
and operational
decisions through
applied science**



Kissimmee Restoration 10-year Strategic Goals

- **To restore the ecological integrity of the Kissimmee River flood plain ecosystem**
- **To improve water quality, water supply, natural resources and flood control levels of service in the Kissimmee Upper Basin**
- **To regulate the headwater and river system to balance impacts to the upper and lower basins**

Lake Okeechobee Restoration Program 10-year Strategic Goals

To improve the health of the Lake Okeechobee ecosystem by:

- Improving water quality
- Reducing exotic species
- Better managing Lake levels



Land Stewardship Program 10-year Strategic Goals

Restore conservation and preservation lands to a natural condition, provide compatible public access, and manage and acquire lands for other programs prior to their intended use



Regulation Program

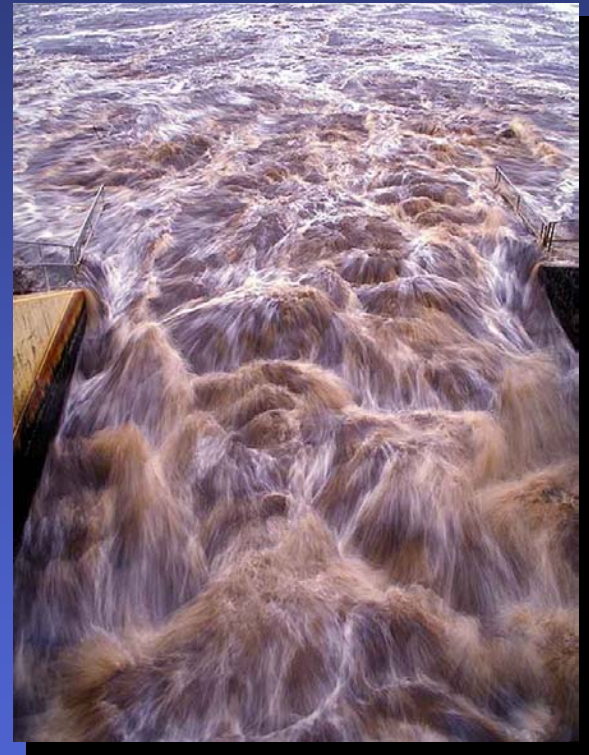
10-Year Strategic Goal

- Provide fair, consistent and timely review of permit applications
- Ensure compliance with issued permits
- Take enforcement action where necessary



Operations and Maintenance Program 10-year Strategic Goals

To optimally operate and maintain the primary flood control and water supply system to:
Minimize damage from flooding; Provide adequate regional water supply; Provide for environmental restoration and protection



Water Supply Program

■ Description

- Develop and implement 20-year plans to address existing and future water supply needs of the environment and of the growing population**
- Support local government comprehensive planning**
- Ensure continued consistency of water use permitting with environment protection and restoration**

Water Supply Program

■ Goal

- Ensure an adequate supply of water to protect and enhance natural systems and to meet all existing and projected reasonable-beneficial uses, while sustaining water resources for future generations



Water Supply Program

■ **Strategies**

- **Meet current and future water needs of urban, agricultural and the environment**
- **Build projects recommended in the water supply plans**
- **Promote water conservation and development of alternative sources**

Water Supply Program

■ **Strategies** (cont.)

- **Establish minimum flows and levels and reservations of water for the environment**
- **Create stronger linkage between land use and water supply planning**
- **Ensure continued consistency between water use permitting, water supply planning and environmental restoration**

Key Assumptions

- **Governing Board strategic priority: redirect \$5.0M to increase alternative water supply, conservation, and water resource development projects**
- **Modeling support will be available to coincide with plan update requirements**
- **Implementation of original recommendations continues until plan update is approved**
- **Identification of future Lower East Coast and Lower West Coast water resource and water supply development projects will occur in FY05 as part of plan updates**

Future Water Supply Funding

- **Maintain minimum of \$4.5 million a year for Alternative Water Supply grants**
- **Establish \$5 million a year additional funding to implement water supply plan recommendations**
 - **Provide consistent support for new alternative water resource/water supply projects**
 - **Supplement Alternative Water Supply Program funding when needed**
 - **Increase funding for Water Conservation from \$550,000 to \$1 million**

Project List

- **Water Supply Implementation**
 - **Lake Region Water Treatment Plant**
 - **Broward County Integrated Water Resource Plan**
 - **Regional Irrigation Distribution System (LWC)**
 - **C-25/St. Johns Marsh connection feasibility (UEC)**

Project List

- **Water Supply Planning**
 - **Regional Water Supply Plan updates (LEC, LWC, Kissimmee)**
 - **Economic and data analysis for Water Supply and Water Resource Projects**
- **Technical assistance for local government planning**
 - **Comprehensive Plans**
 - **Evaluation and Appraisal Reports**
 - **10-Year Water Supply Facility Work Plans**

Project List

- **Alternative Water Supply (AWS) Funding Program**
 - 41 applications for AWS Grants received for FY05
 - Increase funding
 - Stronger linkage to water use permitting issues

Project List

■ Water Conservation

- 13 Water Savings Incentive Program grant applications for FY05**
- Water requirements for Florida landscapes (partnership with water management districts, NRCS, FDACS, Florida Nurserymen and Growers Association)**
- Mobile Irrigation Labs (adding a new lab)**
- Florida Automated Weather Network**
- Outreach/Education**

Project List

- **Minimum Flows and Levels**
 - Florida Bay
 - Biscayne Bay
 - Lake Istokpoga
 - Lake Okeechobee
- **Initial Reservation**
 - Northwest Fork of Loxahatchee River

Discussion

South Florida
Water Management
District Boundaries